

AIRFOIL FOR AN AXIAL SEPARATOR CLEANING AIR BLAST DUCT

Abstract of the Disclosure

An airfoil is placed in ductwork that directs airflow from a combine cooling fan to pneumatically blast dust, chaff and other debris off the top of a separator unit. The airfoil comprises a leading edge, a trailing edge located downstream from the leading edge, a thickness, and a chord extending from the leading edge to the trailing edge. The airfoil is adapted to encourage airflow downward toward to outlet of the ductwork and to discourage air from swirling back toward the inlet of the ductwork.